OC RECAPITALIZATION PROGRAM

Recapitalization is the name given to the overall efforts of the Office of Communications (OC) to upgrade the capability and reliability of the Agency's worldwide communications networks. When completed, Recapitalization will have resulted in near total replacement of equipment in use at _____ STAT stations, as well as substantial changes at the various relays. New switching, dissimination, and distribution systems at Headquarters will be installed. By addressing the totality of these changes as a single Recapitalization program, OC focused Agency management's attention on the inadequacies and the dilapidated and obsolete condition of the networks, caused by ten years of persistent underfunding. Management directed that funding be made available to permit a five-year program to rebuild.

To the extent that current budget levels reflect "normal" activity, Recapitalization will approximately double normal activity for the period through FY-1987. That is, Recapitalization will allow OC to do more of what they had planned to do without Recapitalization. For example, Recapitalization increases the number of planned SKYLINK installations as well as the rate of installations. Once funded, it will be impossible to distinguish between the "normal" SKYLINK systems and the 'Recap' ones; Recapitalization will have lost its identity.

Recapitalization will have its impact on OL, however. Procurement dollars will be $200 million above current level budgets over the five-year program period. For example, FY-1983 current level procurement is $30 million; Recap raises that to $65 million. Tonnage shipped overseas for OC will more than double in FY-1984, to 700 tons from the present 300. Each individual project within Recap will ultimately demand services of contracting officers, engineers, supply officers, and depot support. The ambitious nature of the overall program will probably result in simultaneous and competing demands by OC for available Office of Logistics (OL) resources. Therein lies the challenge to OL managers: sustaining or improving our responsiveness to the customer's requirements. The attached glossary/summary of the Recapitalization Program and the graphic Scope of Activity should provide an overview of the totality of OC's planned effort.

It is important to note that the Program as described here and in the OL General Implementation Plan is extremely tentative. The numbers, schedules, and project outlines were prepared to support budgetary requests and are subject to change according to approved budget levels, personnel resource availability, changes in operating requirements, and myriad other variables subject to change. Despite the variability of the Program at this time, the Program does provide a valuable impression of just what OL is attempting to do. OL should be able to determine, in the same type of programmatic terms, what the logistics requirements are and how OL can posture itself to support Recapitalization.

-2-

OC RECAPITALIZATION PROGRAM

STAT

GLOSSARY/SUMMARY

Emergency Communications - A program to replace obsolete off-site

emergency communications systems with state-of-the-art,

secure HF systems capable of being operated by non-OC

personnel. Production procurement of equipment to support

[   ] is set for FY-84, with deployment completed by   STAT

FY-87. Total programmed costs are [   ]   25X1

Headquarters Secure Telephone System (HSTS) - This program will

expand the Washington metropolitan secure voice system within

Headquarters and the satellite buildings by the end of FY-84.

The program, which will cost [   ] will be   25X1

accomplished by contractor support. Real estate engineering

support will be required to manage the effort or coordinate

this with other construction activities.

GLOSSARY/SUMMARY - continued

<u>High Frequency Radio Transmission System (HF)</u> - A program to
install high-speed HF antennas, receivers, transmitters, and
associated equipment at up to ⬚   STAT
⬚ by FY-87. Procurement for this ⬚   STAT
program is slated for FY-82, with deployment by FY-1987.
Some structural engineering support may be required for roof-
top antenna installations.

<u>Leased Lines</u> - This $15.8 million dollar program will provide
redundant and/or upgraded data handling capabilities at
stations without SKYLINK and high-importance stations. No
real estate engineering or supply support is required for
this program.

<u>Maintenance</u> - This $15.2 million program will provide comprehen-
sive test, repair, and spares capabilities at the ⬚   25X1
Central Repair Facility. FY-83 will be the peak year for
procurement, with all requisitions to be completed by FY-87.
Additional work and storage space will be required prior to
FY-83.

<u>Mercury</u> - This program, which will replace the OC MAX system, is
planned to provide an automated message and data switching
capability for the worldwide network. Procurement activity
has already begun, with initial operations beginning in late

-2-

GLOSSARY/SUMMARY - continued

FY-84. Volume production of field units is scheduled for FY-85. The requirement to continue operations during the installation and transition may necessitate construction of 1500 square feet of special purpose space at Headquarters, adjacent to MAX facilities. Total programmed cost is $25.9 million.

Message Handling System (MHS) - This program will replace the Cable Dissemination System (CDS) with an expandable and flexible capability to electrically distribute record communications throughout CIA Headquarters. The program, budgeted at $8.4 million with major procurement in FY-84, will triple message handling capacity. The provision of additional special purpose (ADP) space circa FY-85 may be required.

Metropolitan Distribution System (MDS) - This program improves the capacity, security, and alt-route capability of communications within and among Agency buildings and other Government facilities in the Washington metropolitan area. $19 million is programmed for this effort through FY-87.

Site Preparation - This effort, programmed at $30.3 million, will upgrade power and air conditioning, provide shielded enclosures, and perform necessary renovations at ⬚ STAT and ⬚ communications centers by FY-88. In addition STAT

-3-

GLOSSARY/SUMMARY - continued

to contracting activity, OL may experience requirements for engineering support in connection with the program, including performance of site surveys. The movement of large amounts of bulky material (generators, air conditioners, enclosures, hardware) will be required.

STAT

Terminal - This program will procure and install high-speed cryptographic and terminal equipment at [   ] by FY-88. New terminal equipment will replace the M-28 series of teletype terminals, and will include Optical Character Readers (OCR). Program costs are estimated at $27 million. The terminal program, together with the HF effort, will result in very large reductions in the level of piece-part supply activity.

STAT

STAT

-4-

GLOSSARY/SUMMARY – continued

<u>Training</u> – To provide the hands-on training facilities needed to support Recapitalization, the ⬚ STAT will have to acquire temporary classrooms in FY-82 to STAT make room for renovations beginning in FY-82; a new addition ($3.6 million) is scheduled for construction in FY-85.

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